

## Sequence Listing

- 5 hGAD65up 5' ATATATCTCGAGATGGCATCTCGGGGCTC 3') (SEQ ID NO: 1)
- hGAD65lo (5' GCGCGCGAATTCTTATAAATCTTGTCCAAGGCG 3') (SEQ ID NO: 2).
- 10 hGAD67up (5' TATATCTCGAGATGGCGTCTTCGACCCA 3') (SEQ ID NO: 3)
- hGAD67lo (5' CAGCTGAATTCTTACAGATCCTGGCCCAG 3') (SEQ ID NO: 4)
- INS1 (5' Gtt ttg gga cgt ttc ctg agt cag gtg agt cta tgg gac cct tga tg 3') (SEQ ID NO:5)
- 15 INA2 (5' cag ttt ttc gcg aat ctg tgg gag gaa gat aag agg tat g 3') (SEQ ID NO:6)
- VS1 (5' ccg tgg ccg aga agc tgc agc gcg act ttc 3') (SEQ ID NO:7)
- 20 INA1 (5' cat caa ggg tcc cat aga ctc acc tga ctc agg aaa cgt ccc aaa ac 3') (SEQ ID NO:8)
- D2 (5' cca cca cca cca aag ccc gca ggt gag tct atg gga ccc ttg at 3') (SEQ ID NO: 9)
- D4 (5' cct gct gtc gtc ctt atg ccg ctc tgt ggg agg aag ata aga ggt 3') (SEQ ID NO: 10).
- 25 XF (5' agt ctc tag agt cct gta tta gag gtc acg 3') (SEQ ID NO: 11)
- D2 (5' atc aag ggt ccc ata gac tca cct gcg ggc ttt ggt ggt ggt gg 3') (SEQ ID NO: 12).
- 30 D3 (5' acc tct tat ctt cct ccc aca gag cgg cat aag gac gac agc agg 3') (SEQ ID NO: 13)
- XR (5' cgg gtg acg tag tag tct aga gca tgg aaa 3') (SEQ ID NO: 14)
- forward primer 5'-TGGCGTGGTGTGCACTGT-3' (SEQ ID NO: 15)
- 35 reverse primer 5'-GTTCCGCCGTGGCAATAG-3' (SEQ ID NO: 16)
- 5'-6FAM-TCCGGGACTTTCGCTTTCCCCC-TAMRA-3' SEQ ID NO: 17)